

ABSTRACT

Novel structural configurations of a TFT-LCD (Thin Film Transistor Liquid
Crystal Display) which results in both fast response to input data and provides wide-
5 viewing-angles. The structure of the device is comprised of one pixel electrode layer and
two common electrode layers. The structure of the invention can be used with liquid
crystal display television (LCD-TV) monitors that require both fast-response as well as
wide-viewing-angle. In addition, other liquid crystal technologies which require high
speed response would benefit from the TFT-LCD of the present invention.